

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/SE 2004/000563

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: F04C 18/16, F04C 29/00, F16H 55/08  
According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: F04C, F16H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 4407696 A1 (MERCEDES-BENZ AG), 14 Sept 1995 (14.09.1995), claim 1, abstract --	1-12
A	US 3824873 A (ROUVEROL), 23 July 1974 (23.07.1974), column 10, line 45 - line 51 --	1-12
A	US 4651588 A (ROUVEROL), 24 March 1987 (24.03.1987), claim 15 --	1-12
A	Maschinenenelemente, Bd. II, 2. Aufl. (Niemann, G.u.H. Winter), Springer-Verlag Berlin, Heidelberg, New York, ..., 1985. Sidan 84, rad8-10 -- -----	1-12

☐ Further documents are listed in the continuation of Box C.. ☒ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search  
29 June 2004

Date of mailing of the international search report  
05-07-2004

Name and mailing address of the ISA/  
Swedish Patent Office  
Box 5055, S-102 42 STOCKHOLM  
Facsimile No. +46 8 666 02 86

Authorized officer  
Lena Nilsson / JA A  
Telephone No. +46 8 782 25 00

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/SE 2004/000563

DE	4407696	A1	14/09/1995	NONE		
US	3824873	A	23/07/1974	BE	776880 A	17/04/1972
				CA	965992 A	15/04/1975
				CH	574297 A	15/04/1976
				DE	2162817 A	06/07/1972
				FR	2118653 A	28/07/1972
				GB	1376617 A	11/12/1974
				IT	944094 B	20/04/1973
				NL	7116892 A	20/06/1972
				SE	376646 B,C	02/06/1975
				US	RE29115 E	18/01/1977
US	4651588	A	24/03/1987	EP	0236908 A	16/09/1987
				JP	62278368 A	03/12/1987